

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, in the application:

**Listing of Claims:**

1. (Previously Presented) A system for at least one of skin tanning and phototherapy, comprising:  
a chamber adapted for at least one of skin tanning and phototherapy; and  
a nanostructure UV light emitting device;  
wherein:  
a UV excitation source is positioned to provide a UV excitation radiation of a first peak wavelength onto the nanostructure UV light emitting device to cause the nanostructure UV light emitting device to emit UVA light having a second UVA peak wavelength longer than the first peak wavelength, wherein  
the nanostructure UV light emitting device comprises at least one of a nanoparticle or a nanowire device for emitting only UVA light.
2. (Previously Presented) The system of claim 1, wherein the system performs skin-tanning.
3. (Previously Presented) The system of claim 1, wherein the system performs phototherapy.
4. (Previously Presented) The system of claim 1, wherein the system performs both tanning and phototherapy.
5. (Previously Presented) The system of claim 1, wherein the chamber comprises a bed or a booth.
- 6-7. (Cancelled)

8. (Previously Presented) The system of claim 1, wherein the UV light emitting device comprises nanoparticles having an average diameter smaller than 100 nm or nanowires having an average thickness smaller than 150 nm.

9. (Previously Presented) The system of claim 1, wherein the UV light emitting device comprises a UVA-1 light emitting device and the nanoparticles emit only UVA-1 light due to their size.

10. (Previously Presented) The system of claim 1, wherein the UV light emitting device comprises:

a first layer of first nanoparticles or nanowires located proximal to the UV excitation source, wherein the first nanoparticles or nanowires emit UV light of a third peak wavelength longer than the first peak wavelength when irradiated with the UV excitation radiation; and

a second layer of second nanoparticles or nanowires located distal from the UV excitation source, such that the first layer is located between the second layer and the UV excitation source, wherein the second nanoparticles or nanowires emit UV light of the second peak wavelength longer than the third peak wavelength when irradiated with the UV light from the nanoparticles or nanowires of the first layer.

11. (Previously Presented) The system of claim 1, wherein:  
the UV excitation source comprises a gas vessel comprising a gas which is adapted to emits the UV excitation radiation in response to a stimulus; and  
the UV light emitting device comprises at least one layer of nanoparticles coated on an inner surface of at least one UV light transparent wall of the gas vessel.

12. (Previously Presented) The system of claim 1, wherein:  
the UV excitation source comprises a UV lamp; and  
the UV light emitting device comprises at least one layer of nanoparticles coated on an outer surface of the UV lamp.

13-44. (Cancelled)